Amendments to the specification

Please amend the paragraph beginning at page 2, line 23 as follows:

--The liquid stereolithography resin can include a photoinitiator. The photoinitiator can include a phosphine oxide, an alpha-hydroxyketone, benzophenone derivative, or mixtures thereof. The photoinitiator can include a component. The component can be a benzophenone, a benzil dimethyl ketal, a (1-hydroxycyclohexyl)phenylketone, an isopropyl thioxanthone, an ethyl 4-(dimethylamino)benzoate, SARCURE SR1135 (a blend of 2,4,6-trimethylbenzoyldiphenyl phosphine oxide, 2,4,6-trimethylbenzophenone, 4-methylbenzophenone, and oligo(2-hydroxy-2-methyl-1-(4-(1-methylvinyl)phenyl)propanone), a benzoin normal butyl ether, SARCURE SR1130E (a blend of oligo(2-hydroxy-2-methyl-1-(4- (1-methylvinyl)phenyl) propanone) and poly(2-hydroxy-2-methyl-1-phenyl-1-propanone)), tripropyleneglycol diacrylate, an oligo(2-hydroxy-2-methyl-1-(4-(1-methylvinyl)phenyl)propanone), a 2-hydroxy-2-methyl-1-phenyl-1-propanone, a poly(2-hydroxy-2-methyl-1-phenyl-1-propanone), a trimethylolpropane triacrylate, a SARCURE SR1137 (a mixture of 2,4,6- trimethylbenzophenone and 4-methylbenzophenone), ~~a SARCURE SR1130~~, a phosphine oxide, a 4-methylbenzophenone, a trimethylbenzophenone, a methylbenzophenone, a Darocur 4265, an ~~Irgacure~~ IRGACURE, such as IRGACURE 184 1-hydroxy-cyclohexylphenylketone, or mixtures thereof. The photoinitiator can activate polymerization of an acrylate in a wavelength range of 240 nm to 250 nm, 360 nm to 380 nm, or 390 nm to 410 nm.--

Please amend the paragraph beginning at page 4, line 22 as follows:

--The liquid stereolithography resin can include a stabilizer. The stabilizer can be Tinuvin 292 (bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and 1-methyl-10-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate), Tinuvin 765 (bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate), MEQH (4-methoxyphenol), LA-32 (2-(2'-hydroxy-5'-methylphenyl)benzotriazole), LA-82 (1,2,2,6,6-pentamethyl-4-piperidyl methacrylate) or Chimassorb 81 (2-hydroxy-4-octyloxybenzophenone).--

Please amend the paragraph beginning at page 4, line 27 as follows:

-- In some embodiments, the first urethane acrylate oligomer is ~~Sartomer~~ SARTOMER CN964, the first acrylate monomer is ~~Sartomer~~ SARTOMER SR454 (ethoxylated (3) trimethylolpropane acrylate), and the polymerization modifier is ~~Sartomer~~ SARTOMER SR506, ~~Sartomer~~ SARTOMER SR494, ~~Sartomer~~ SARTOMER CN965, ~~Sartomer~~ SARTOMER SR368, or mixtures thereof. The resin can include 5-35 weight % ~~Sartomer~~ SARTOMER CN964 and 0.5-25 weight % ~~Sartomer~~ SARTOMER SR454. The resin can include 0.5-20 weight % ~~Sartomer~~ SARTOMER SR506. The resin can include 15-45 weight % ~~Sartomer~~ SARTOMER SR494. The resin can include 0.5-25 weight % ~~Sartomer~~ SARTOMER CN965. The resin can include 5-35 weight % ~~Sartomer~~ SARTOMER SR368 (tris-(2-hydroxyethyl)isocyanurate triacrylate).--

Please amend the paragraph beginning at page 5, line 6 as follows:

--In other embodiments, the first urethane acrylate oligomer is ~~Sartomer~~ SARTOMER CN963, the first acrylate monomer is ~~Sartomer~~ SARTOMER SR306 (tripropyleneglycol diacrylate), and the polymerization modifier is ~~Sartomer~~ SARTOMER CN970H75 (urethane acrylate oligomer),~~Sartomer~~ SARTOMER CD540, ~~Sartomer~~ SARTOMER SR506, or mixtures thereof. The resin can include 40-70 weight % ~~Sartomer~~ SARTOMER CN963, and 5-35 weight % ~~Sartomer~~ SARTOMER SR306. The resin can include 0.5-15 weight % ~~Sartomer~~ SARTOMER CN970H75. The resin can include 0.5-15 weight % ~~Sartomer~~ SARTOMER CD540. The resin can include 5-35 weight % ~~Sartomer~~ SARTOMER SR506.